

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in this application.

Listing of Claims:

Claim 1 (Cancelled)

2. (Currently Amended) An endoscope valve assembly comprising:

a housing comprising ~~an opening an inlet port and an outlet port;~~
an inlet port configured to be releasably connected to a source of irrigation fluid;
an outlet port configured to be releasably connected to an irrigation port of a medical
endoscope;

a valve carried by the housing and comprising a manually-controlled actuator movable between a first position, in which the valve blocks flow between the inlet port and the outlet port, and a second position, in which the valve allows flow between the inlet port and the outlet port;

a latch operative to releasably hold the actuator in a selected position;

a mounting ~~pad coupled to the housing~~ surface having a non-linear shape to allow the
endoscope valve assembly to fit on medical endoscopes with different shapes, wherein the
mounting surface comprises a surface of a mounting pad comprising a resilient material and
separately formed from the housing; and

a strap configured to secured to the housing through the opening and configured to
releasably secure the endoscope valve assembly to the medical endoscope; and

~~a mounting buckle movable along the strap;~~

~~wherein a surface of the mounting pad opposite the housing comprises a non-linear shape.~~

3. (Original) The invention of Claim 2, wherein the non-linear shape is a V-shape.

4. (Original) The invention of Claim 2, wherein the non-linear shape is curved.

5. (Currently Amended) The invention of Claim 2, wherein the non-linear shape matches a
shape of a location on ~~an~~ the medical endoscope ~~to which the valve assembly is to be attached.~~

6. (Currently Amended) An endoscope valve assembly comprising:

a housing comprising an opening ~~an inlet port and an outlet port;~~

an inlet port configured to be releasably connected to a source of irrigation fluid;

an outlet port configured to be releasably connected to an irrigation port of a medical
endoscope;

a valve carried by the housing and comprising a manually-controlled actuator movable
between a first position, in which the valve blocks flow between the inlet port and the outlet port,
and a second position, in which the valve allows flow between the inlet port and the outlet port;

~~a mounting pad coupled to the housing~~ surface having a non-linear shape to allow the endoscope valve assembly to fit on medical endoscopes with different shapes, wherein the mounting surface comprises a surface of a mounting pad comprising a resilient material and separately formed from the housing; and

~~a strap configured to secured to the housing through the opening and configured to releasably secure the endoscope valve assembly to the medical endoscope; and~~

~~a strap secured to the housing; and~~

~~a mounting buckle movable along the strap;~~

~~wherein the mounting pad is separately formed from the housing.~~

Claim 7 (Cancelled)

8. (Currently Amended) An endoscope valve assembly comprising:

~~a housing comprising an inlet port and an outlet port;~~

an inlet port configured to be releasably connected to a source of irrigation fluid;

an outlet port configured to be releasably connected to an irrigation port of a medical endoscope;

a valve carried by the housing and comprising a manually-controlled actuator movable between a first position, in which the valve blocks flow between the inlet port and the outlet port, and a second position, in which the valve allows flow between the inlet port and the outlet port;

~~a mounting pad coupled to the housing~~ surface having a non-linear shape to allow the endoscope valve assembly to fit on medical endoscopes with different shapes, wherein the

mounting surface comprises a surface of a mounting pad comprising a resilient material and separately formed from the housing; and

~~a strap secured to the housing; and~~

a mechanical fastener configured to releasably secure the endoscope valve assembly to the medical endoscope

~~a mounting buckle movable along the strap;~~

~~wherein at least one of the mounting pad and the mounting buckle comprises a resilient material.~~

9. (Currently Amended) The invention of Claim 8, wherein the mechanical fastener

comprises a strap ~~An endoscope valve assembly comprising:~~

~~a housing comprising an inlet port and an outlet port;~~

~~a valve carried by the housing and comprising a manually controlled actuator movable between a first position, in which the valve blocks flow between the inlet port and the outlet port, and a second position, in which the valve allows flow between the inlet port and the outlet port;~~

~~a mounting pad coupled to the housing;~~

~~a strap secured to the housing; and~~

~~a mounting buckle movable along the strap;~~

~~wherein the strap comprises hook and loop fasteners.~~

10. (Currently Amended) The invention of Claim 8, wherein the mechanical fastener comprises a resilient material ~~An endoscope valve assembly comprising:~~

~~a housing comprising an inlet port and an outlet port;~~

~~a valve carried by the housing and comprising a manually controlled actuator movable between a first position, in which the valve blocks flow between the inlet port and the outlet port, and a second position, in which the valve allows flow between the inlet port and the outlet port;~~

~~a mounting pad coupled to the housing;~~

~~a strap secured to the housing; and~~

~~a mounting buckle movable along the strap;~~

~~wherein the housing comprises at least one D-loop, and wherein at least one end of the strap is operative to be releasably secured to the housing by wrapping the at least one end through the D-loop.~~

11. (Currently Amended) The invention of Claim 8 further comprising a latch operative to releasably hold the actuator in a selected position ~~An endoscope valve assembly comprising:~~

~~a housing comprising an inlet port and an outlet port;~~

~~a valve carried by the housing and comprising a manually controlled actuator movable between a first position, in which the valve blocks flow between the inlet port and the outlet port, and a second position, in which the valve allows flow between the inlet port and the outlet port;~~

~~a mounting pad coupled to the housing;~~

~~a strap secured to the housing; and~~

~~a mounting buckle movable along the strap;~~

~~wherein the valve assembly further comprises a latch coupled with the valve and operative to releasably hold the valve in a selected state.~~

12. (Currently Amended) An endoscope valve assembly comprising:

a housing comprising ~~an opening~~ an inlet port and an outlet port;

an inlet port configured to be releasably connected to a source of irrigation fluid;

an outlet port configured to be releasably connected to an irrigation port of a medical endoscope;

a valve carried by the housing and comprising a manually-controlled actuator movable between a first position, in which the valve blocks flow between the inlet port and the outlet port, and a second position, in which the valve allows flow between the inlet port and the outlet port;

a mounting ~~pad coupled to the housing~~ surface shaped to allow the endoscope valve assembly to fit on medical endoscopes with different shapes; and

a strap configured to secured to the housing through the opening and configured to releasably secure the endoscope valve assembly to the medical endoscope; and

~~a mounting buckle movable along the strap~~;

~~wherein the housing comprises a second inlet port.~~

13. (Currently Amended) The invention of Claim 12 further comprising a latch operative to releasably hold the actuator in a selected position, ~~wherein the valve blocks flow between the second inlet port and the outlet port in the first and second positions, and wherein the actuator is~~

~~movable to a third position, in which the valve allows flow between the second inlet port and the outlet port while blocking flow between the first mentioned inlet port and the outlet port.~~

14. (Currently Amended) The invention of Claim 12, wherein the mounting surface comprises a surface of a mounting pad comprising a resilient material and separately formed from the housing ~~the valve assembly further comprises a second valve carried by the housing and coupled between the second inlet port and the outlet port, the second valve comprising a manually-controlled second actuator movable between a third position, in which the second valve blocks flow between the second inlet port and the outlet port, and a fourth position, in which the second valve allows flow between the second inlet port and the outlet port.~~

15. (Currently Amended) An endoscope valve assembly comprising:

~~a housing comprising an inlet port and an outlet port;~~
an inlet port configured to be releasably connected to a source of irrigation fluid;
an outlet port configured to be releasably connected to an irrigation port of a medical endoscope;

~~a valve carried by the housing and comprising a manually-controlled actuator movable between a first position, in which the valve blocks flow between the inlet port and the outlet port, and a second position, in which the valve allows flow between the inlet port and the outlet port;~~
~~and~~

~~a mounting pad coupled to the housing, wherein the mounting pad comprises a resilient material, and wherein a surface of the mounting pad opposite the housing comprises a non-linear~~

shape surface shaped to allow the endoscope valve assembly to fit on medical endoscopes with different shapes; and

a mechanical fastener configured to releasably secure the endoscope valve assembly to the medical endoscope.

16. (Currently Amended) The invention of Claim 15 ~~further comprising a strap secured to the housing,~~ wherein the mounting surface comprises a non-linear shape.

17. (Currently Amended) The invention of Claim ~~46~~ 41, wherein the strap comprises hook-and-loop fasteners.

18. (Currently Amended) The invention of Claim ~~46~~ 41, wherein the housing comprises ~~at least one~~ a D-loop, and wherein ~~at least one~~ an end of the strap is ~~operative to be releasably~~ secured to the housing by wrapping the ~~at least one~~ end through the D-loop.

19. (Currently Amended) The invention of Claim ~~46~~ 41 further comprising a mounting buckle movable along the strap.

20. (Currently Amended) The invention of Claim ~~45~~ 16, wherein the non-linear shape is a V-shape.

21. (Currently Amended) The invention of Claim ~~45~~ 16, wherein the non-linear shape is curved.
22. (Currently Amended) The invention of Claim ~~45~~ 16, wherein the non-linear shape matches a shape of a location on ~~an~~ the medical endoscope ~~to which the valve assembly is to be attached.~~
23. (Currently Amended) The invention of Claim 15, wherein the mounting ~~pad~~ surface is comprises a surface of a mounting pad comprising a resilient material and separately formed from the housing.
24. (Currently Amended) The invention of Claim 15, wherein the mounting ~~pad~~ surface is ~~integral with~~ a surface of the housing.
25. (Currently Amended) The invention of Claim 15, wherein the valve assembly further comprises a latch ~~coupled with the valve and~~ operative to releasably hold the valve actuator in a selected state position.
26. (Currently Amended) The invention of Claim 15, ~~wherein the inlet port is operative to connect to a liquid source, and wherein the valve assembly comprises~~ further comprising a second inlet port operative to connect to a suction source.

27. (Currently Amended) The invention of Claim ~~15~~ 26, wherein the valve blocks flow between the second inlet port and the outlet port in the first and second positions, and wherein the actuator is movable to a third position, in which the valve allows flow between the second inlet port and the outlet port while blocking flow between the first-mentioned inlet port and the outlet port.

28. (Currently Amended) The invention of Claim 15, wherein the valve assembly further comprises:

a second inlet port ~~included in the housing~~; and

a second valve carried by the housing and coupled between the second inlet port and the outlet port, the second valve comprising a manually-controlled second actuator movable between a third position, in which the second valve blocks flow between the second inlet port and the outlet port, and a fourth position, in which the second valve allows flow between the second inlet port and the outlet port.

Claims 29-34 (Cancelled)

35. (Currently Amended) An endoscope valve assembly comprising:

a housing ~~comprising an inlet port and an outlet port~~;

an inlet port configured to be releasably connected to a source of irrigation fluid;

an outlet port configured to be releasably connected to an irrigation port of a medical endoscope;

a valve carried by the housing and comprising a manually-controlled actuator movable between a first position, in which the valve blocks flow between the inlet port and the outlet port, and a second position, in which the valve allows flow between the inlet port and the outlet port;
and

~~a mounting pad coupled to the housing~~ surface shaped to allow the endoscope valve assembly to fit on medical endoscopes with different shapes;

~~a strap secured to the housing; and~~

~~a mounting buckle movable along the strap;~~

~~wherein a surface of the mounting pad opposite the housing comprises a linear shape.~~

36. (New) The invention of Claim 2, wherein the strap comprises a resilient material.
37. (New) The invention of Claim 2, wherein the strap comprises loop-and-hook fasteners.
38. (New) The invention of Claim 2, wherein the non-linear shape further allows the endoscope valve assembly to fit on a hand of a user.
39. (New) The invention of Claim 2, wherein the non-linear shape further allows the endoscope valve assembly to fit on a second medical instrument.

40. (New) The invention of Claim 2 further comprising first tubing and second tubing in communication with the housing, wherein the inlet port is located at a distal end of the first tubing, and wherein the outlet port is located at a distal end of the second tubing.
41. (New) The invention of Claim 15, wherein the mechanical fastener comprises a strap.
42. (New) The invention of Claim 41, wherein the strap comprises a resilient material.
43. (New) The invention of Claim 15, wherein the mounting surface is shaped to allow the endoscope valve assembly to fit on a hand of a user.
44. (New) The invention of Claim 15, wherein the mounting surface is shaped to allow the endoscope valve assembly to fit on a second medical instrument.
45. (New) The invention of Claim 15 further comprising first tubing and second tubing in communication with the housing, wherein the inlet port is located at a distal end of the first tubing, and wherein the outlet port is located at a distal end of the second tubing.
46. (New) The invention of Claim 15, wherein the mechanical fastener comprises a resilient material.